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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. <b>GRFN-020/01US</b>	Total Pages <b>79</b>
		First Named Inventor or Application Identifier <b>Stephen B.H. Kent et al.</b>	
		Express Mail Label No. <b>EM 570 540 482 US</b>	PTO <b>4438</b>

JCC525 U.S. PTO  
08/31/98

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (1 pg/w/copy) (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification (Total Pages <b>67</b>) (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <b>4</b>]</p> <p>4. Oath or Declaration [Total Pages <b>3</b>]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) (Note Box 5 below)</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>5. <input checked="" type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. Conversion of Prov. 60/057, 620</p>		<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>	

**ACCOMPANYING APPLICATION PARTS**

- |   |  |
|---|--|
| 8. <input checked="" type="checkbox"/>  | Assignment Papers (cover sheet & document(s)) (3pps)   |
| 9. <input type="checkbox"/>             | 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br>(when there is an assignee) |
| 10. <input type="checkbox"/>            | English Translation Document (if applicable)   |
| 11. <input type="checkbox"/>            | Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations   |
| 12. <input type="checkbox"/>            | Preliminary Amendment  |
| 13. <input checked="" type="checkbox"/> | Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)                            |
| 14. <input type="checkbox"/>            | Small Entity <input type="checkbox"/> Statement filed in prior application.                        |
| 15. <input type="checkbox"/>            | Statement(s) <input type="checkbox"/> Status still proper and desired                              |
| 16. <input type="checkbox"/>            | Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)                         |
| Other: .....                            |  |

**17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No: \_\_\_\_\_

**18. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			<input type="checkbox"/> Correspondence address below
NAME <i>James A. Bradburne, Ph. D.</i>	Reg. No. 38,389			
ADDRESS <i>Cooley Godward LLP</i>				
Five Palo Alto Square		3000 El Camino Real		
CITY <i>Palo Alto</i>	STATE <i>California</i>	ZIP CODE <i>94306-2155</i>		
COUNTRY <i>U.S.A.</i>	TELEPHONE <i>(650) 843-5000</i>	FAX <i>(650) 857-0663</i>		

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Certificate of Express Mailing on back of sheet.

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**FEE TRANSMITTAL**

Note: Effective October 1, 1997.  
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 2,288.00)

*Complete if Known*

Application Number	
Filing Date	
First Named Inventor	Stephen B.H. Kent et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	GRFN-020/01US

**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  
Deposit Account Name

03-3117

Cooley Godward LLP

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17       Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2.  Payment Enclosed:

Check     Money Order     Other

**FEE CALCULATION****1. FILING FEE**

## Large Entity

## Small Entity

Fee Code (\$)	Fee Code (\$)	Fee	Fee	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	790.00
106	330	206	165	Design filing fee	—
107	540	207	270	Plant filing fee	—
108	790	208	395	Reissue filing fee	—
114	150	214	75	Provisional filing fee	—
<b>SUBTOTAL (1)</b>				<b>(\$ 790.00)</b>	

**2. CLAIMS**

Total Claims	Extra	Fee from below	Fee Paid
54	-20 =	34 X 22 =	1,188.00
3	- 3 =	0 X — =	—
Multiple Dependent Claims	1	X 270 =	270.00

## Large Entity

## Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	22	203 11 Claims in excess of 20
102	82	202 41 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim
109	82	209 41 Reissue independent claims over original patent
110	22	210 11 Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		
<b>(\$ 1,458.00)</b>		

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	950	217	475 Extension for reply within third month	
118	1,510	218	755 Extension for reply within fourth month	
128	2,060	228	1,030 Extension for reply within fifth month	
119	310	219	155 Notice of Appeal	
120	310	220	155 Filing a brief in support of an appeal	
121	270	221	135 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,320	241	660 Petition to revive - unintentional	
142	1,320	242	660 Utility issue fee (or reissue)	
143	450	243	225 Design issue fee	
144	670	244	335 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Petitions related to provisional applications	
126	240	126	240 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	40.00
146	790	246	395 Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395 For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____				
Other fee (specify) _____				
Reduced by Basic Filing Fee Paid				<b>SUBTOTAL (3) (\$ 40.00)</b>

**SUBMITTED BY**

Complet (if applicable)

Typed or Printed Name

James A. Bradburne, Ph.D.

Reg. Number

38,389

Signature

James A. Bradburne

Dat

8/31/98

Deposit Account User ID

03-3117

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